

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 7-2005)

ATTORNEY'S DOCKET NUMBER

P26,788-A USA

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/563883**INTERNATIONAL APPLICATION NO.  
PCT/US2003/022893INTERNATIONAL FILING DATE  
21 July 2003PRIORITY DATE CLAIMED  
8 July 2003

TITLE OF INVENTION

USE OF RECYCLED PLASTICS FOR STRUCTURAL BUILDING FORMS

APPLICANT(S) FOR DO/EO/US

Thomas Nosker et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 729 928 277 US

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
<b>10/563883</b>		<b>PCT/US2003/022893</b>		<b>P26,788-A USA</b>	
23. Other items or information: Application Data Sheet - 4 pages International Preliminary Examination Report - 4 pages Published International Application and Drawings - 22 pages Article 34 Amendment with replacement Drawing Sheets - 9 pages					
The following fees have been submitted:				CALCULATIONS PTO USE	
24. <input checked="" type="checkbox"/> Basic national fee . . . . . \$300				\$	\$300.00
25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article prepared by IPEA/US indicates all claims satisfy provisions of PCT Article \$0 All other situations. . . . . \$200				\$	\$200.00
26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. . . . . \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. . . . . \$400 All other situations. . . . . \$500				\$	\$400.00
<b>TOTAL OF 24, 25 and 26 =</b>				\$	\$900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
- 100 =	0 /50 =	0	x \$250.00	\$	\$0.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =	0	x \$50.00	\$	\$0.00
Independent claims	2 - 3 =	0	x \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	\$900.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	\$450.00
<b>SUBTOTAL =</b>				\$	\$450.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	\$0.00
<b>TOTAL NATIONAL FEE =</b>				\$	\$450.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00
<b>TOTAL FEES ENCLOSED =</b>				\$	\$450.00
				Amount to be	\$
				Amount to be	\$

10/563883

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- AP20 Rec'd PCT/PTO 09 JAN 2006
- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-3040. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Peter J. Butch III, Esq.  
Reg. No. 32,203  
Synnestvedt Lechner & Woodbridge LLP  
P.O. Box 592  
Princeton, NJ 08542-0592

  
SIGNATURE

Peter J. Butch III, Esq.

NAME

32,203

REGISTRATION NUMBER

January 9, 2006

DATE

**10/563883**

**IAP20 Rec'd PCT/PTO 09 JAN 2006**  
FILE NUMBER P26,788-A USA

**"EXPRESS MAIL CERTIFICATE"**

"Express Mail" Mailing Label Number: EV 729 928 277 US

Express Mail Corporate Account Number: X085783

Date of Deposit: January 9, 2006

Title: USE OF RECYCLED PLASTICS FOR STRUCTURAL BUILDING FORMS

INVENTOR: Thomas Nosker et al.

**Type of Documents:**

1. PCT National Phase Transmittal Letter for PCT/US2003/022893 (x2) - 3 pages;
2. Form PTO-2038 for \$ 450.00 US national phase filing fee - 1 page;
3. Copy of published PCT Application PCT/US2003/022893 - 23 pages;
4. International Search Report - 5 pages;
5. PCT International Preliminary Examination Report - 4 pages;
6. Article 34 Amendment with replacement Drawing Sheets - 9 pages
7. Application Data Sheet - 4 pages;
8. This "Express Mail" Certificate; and;
9. Acknowledgment Post Card.

I hereby certify that the enclosed documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner of Patents and Trademarks, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Nazia Zamir, Paralegal

(Typed or printed name of person mailing paper or fee)

Nazia Zamir  
(Signature of person mailing paper or fee)

10/563883

IAP20 Rec'd PCT/PTO 09 JAN 2006

February 9, 2004

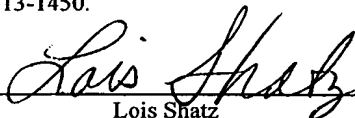
IN THE INTERNATIONAL BUREAU  
OF THE WORLD INTELLECTUAL PROPERTY ORGANIZATION

In re/ Intl. Application of  
Rutgers, The State University,  
Thomas, J. Nosker, Richard W. Renfree and James Kerstein  
Application No. PCT/US03/22893  
Filed 21 July 2003  
Use of Recycled Plastics for Structural Building Forms

(Attorney Docket No. P26,788A PCT)

CERTIFICATE OF EXPRESS MAIL

I hereby certify that this correspondence is being deposited with the U.S. Postal Service on 9 February 2004 as "Express Mail Post Office to Addressee", Express Mail Label No EV 143409435US in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Lois Shatz

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

STATEMENT UNDER ARTICLE 34

Replacement drawing sheets 1/5 - 3/5 and 5/5 are submitted to enter formal versions of the drawings as originally filed. While cross-hatching has been added to FIGS. 1, 3, 5, 7 and 10, and FIG. 9 has been changed to FIGS. 9A and 9B with the alteration of surface features, the replacement drawings do not go beyond the disclosure of the international application as filed.

Entry of the replacement drawing sheets and issuance of a Written Opinion incorporating a

**10/563883**

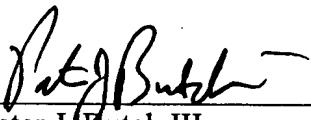
**IAP20 Rec'd PCT/PTO 09 JAN 2006**

Intl. Application No. PCT/US03/22893  
Attorney Docket No. P26,788-A PCT

February 9, 2004  
Page 2

positive statement regarding all aspects of the International Application is earnestly solicited.

Respectfully submitted,

By   
Peter J. Butch III  
Registration No. 32,203  
Attorney for Applicants

Synnestvedt & Lechner LLP  
2600 Aramark Tower  
1101 Market Street  
Philadelphia, PA 19107-2950  
U.S.A.  
Phone: (215) 923-4466  
Fax: (215) 923-2189  
PJB/dsg  
Enclosure

10/563883

IAP20 Rec'd PCT/PTO 09 JAN 2006

February 9, 2004

IN THE INTERNATIONAL BUREAU  
OF THE WORLD INTELLECTUAL PROPERTY ORGANIZATION

In re/ Intl. Application of  
Rutgers, The State University,  
Thomas, J. Nosker, Richard W. Renfree and James Kerstein  
Application No. PCT/US03/22893  
Filed 21 July 2003  
Use of Recycled Plastics for Structural Building Forms  
  
(Attorney Docket No. P26,788A PCT)

CERTIFICATE OF EXPRESS MAIL

I hereby certify that this correspondence is being deposited with the U.S. Postal Service on **9 February 2004** as "Express Mail Post Office to Addressee", Express Mail Label No EV 143409435US in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Lois Shatz

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

LETTER ACCOMPANYING REPLACEMENT SHEETS

Dear Sir/Madam:

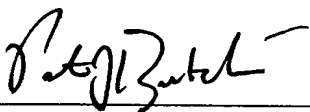
Transmitted herewith are replacement drawing sheet nos. 1/5 - 3/5 and 5/5. The purpose of the replacement drawing sheets is to amend the drawing figures as follows:

Intl. Application No. PCT/US03/22893  
Attorney Docket No. P26,788-A PCT

February 9, 2004  
Page 2

FIGS. 1 - 8 and 10 replace FIGS. 1 - 8 and 10 as originally filed;  
FIG. 9 is cancelled; and  
FIG. 9B is new.

Respectfully submitted,

By   
Peter J. Butch III  
Registration No. 32,203  
Attorney for Applicants

Synnestvedt & Lechner LLP  
2600 Aramark Tower  
1101 Market Street  
Philadelphia, PA 19107-2950  
U.S.A.  
Phone: (215) 923-4466  
Fax: (215) 923-2189

PJB/dsg  
Enclosure